

ATTY. DOCKET NO. <sup>PATENT</sup> VOY/30

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hensch Art Unit: 2665  
Serial No. : 09/710,487 Examiner: T. D. Tran  
Filed : November 10, 2000  
For : METHOD AND APPARATUS FOR THE PREDICTION AND  
OPTIMIZATION IN IMPAIRED COMMUNICATION SYSTEM

Mail Stop Non-Fee Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Via Facsimile

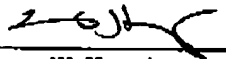
RESPONSE TO OFFICE ACTION

This paper is in response to the Office Action mailed  
November 30, 2004.

Presentation of claims begins on page 2 of this paper.

Remarks begin on page 13 of this paper.

I hereby certify that this correspondence is being sent via  
facsimile (703-872-9306) to Examiner T. D. Tran in Art Unit  
2665 at U.S. Patent Office, P.O. Box 1450, Alexandria, VA  
22313-1450: February 24, 2005

  
Thomas W. Humphrey  
Reg. No. 34,353

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PATENT, TRADEMARK, COPYRIGHT  
AND UNFAIR COMPETITION LAW  
AND RELATED LITIGATION

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February 24, 2005

**FACSIMILE COVER SHEET**

To: Examiner T.D. Tran  
Group Unit No. 2665  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Fax: 703-872-9306

From: Thomas W. Humphrey

Re: Our File: VOY-30  
US Application Serial No. 09/710,487  
Filed November 10, 2000  
METHOD AND APPARATUS FOR  
THE PREDICTION AND  
OPTIMIZATION IN IMPAIRED  
COMMUNICATION SYSTEM  
Hench  
Associate Reference: 144798US

Pages: 20 (including cover sheet)

**MESSAGE/COMMENTS**

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**FEB 24 2005**

PATENT  
ATTY. DOCKET NO. VOY/30

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Hench Art Unit: 2665  
Serial No. : 09/710,487 Examiner: T. D. Tran  
Filed : November 10, 2000  
For : METHOD AND APPARATUS FOR THE PREDICTION AND OPTIMIZATION  
IN IMPAIRED COMMUNICATION SYSTEM

Mail Stop AMENDMENT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Via Facsimile*

**AMENDMENT TRANSMITTAL**

1. X Transmitted herewith is a Response to Office Action.
2.    Small Entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.  
Enclosed is a verified statement to establish Small Entity status
- X Other than a Small Entity

3. The fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		LARGE ENTITY	
Claims Remaining After Amendment		Highest No. Previously Paid For		Extra	Percent Rate	Fee	Percent Rate	Fee
TOTAL	35	MINUS	41	0	x \$25	\$0	x \$50	\$0
INDEP.	4	MINUS	4	0	x \$100	\$0	x \$200	\$0
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+\$180	\$0	+\$360	\$0
TOTALS					TOTAL FEE	\$0	TOTAL FEE	\$0

\_\_\_\_\_ Additional fee for claims is required.

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\_\_\_\_\_  
Thomas W. Humphrey  
Reg. No. 34,353

4. Attached is a check in the sum of \$. Please charge my Deposit Account No. 23-3000 in the amount of \$\_\_\_\_\_.

5. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

Complete (a) or (b) as applicable.

(a) Applicant petitions for an extension of time under 37 CFR 1.136 for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
___ one month	\$ 120.00	\$ 60.00
___ two months	\$ 450.00	\$225.00
___ three months	\$1020.00	\$510.00
___ four months	\$1590.00	\$795.00
___ five months	\$2160.00	\$1080.00
Extension fee due with this request \$_____.		

If an additional extension of time is required, please consider this a petition therefor. (Check and complete the next item, if applicable)


\_\_\_ An extension for \_\_\_ months has already been secured and the fee paid thereof of \$\_\_\_ is deducted from the total fee due for the total months of extension now requested. Extension fee due with this request \$\_\_\_\_\_.

OR

(b) X Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

X If any additional fee for claims or extension of time is required, charge Account No. 23-3000.

Respectfully submitted,



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